



United States Department of Agriculture
National Agricultural Statistics Service

Farm Report



Cooperating with Ohio Department of Agriculture
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FEATURING: ☐ Crop Production ☐ Supply/Demand ☐ Ag Prices ☐ Plant Population

OHIO CORN PRODUCTION DOWN 21 PERCENT

Based on conditions as of November 1, Ohio's average corn yield is forecast at 140 bushels per acre, down 7 bushels from the previous month's forecast and 10 bushels below the 2007 average yield. Total grain production is forecast at 427.0 million bushels, down 21 percent from last year's State total. Corn growers expect to harvest 3.05 million acres in 2008 compared to the 3.61 million acres harvested one year ago.

The 2008 average soybean yield for Ohio is forecast at 36 bushels per acre, down 2 bushels from last month's forecast and 11 bushels below the 2007 average State yield. Total State production is forecast at 161.28 million bushels, down 19 percent from 2007. Harvested acreage is forecast at 4.48 million acres, up 240,000 acres from last year.

U.S. corn production is forecast at 12.0 billion bushels, down slightly from the October forecast and 8 percent below 2007. Based on conditions as of November 1, yields are expected to average 153.8 bushels per acre, down 0.1 bushel from October

but 2.7 bushels above last year. If realized, this will be the second highest yield on record, behind 2004, and production will be the second largest, behind last year. Forecasted yields are higher than last year across the northern half of the Great Plains and northern and central Corn Belt. Yield prospects are lower than last year in the southern half of the Great Plains and Delta.

U.S. soybean production is forecast at 2.92 billion bushels, down less than 1 percent from the October forecast but up 9 percent from last year. If realized, this will be the fourth largest production on record. Based on November 1 conditions, yields are expected to average 39.3 bushels per acre, down 0.2 bushel from October 1 and down 2.4 bushels from 2007. Compared with October 1, yields are forecast lower or unchanged across the Corn Belt and Great Plains, with the exception of Illinois, Indiana, and Missouri. Yields increased from the October 1 forecast in Alabama, Arkansas, Tennessee, New York, and Virginia. Area for harvest in the U.S. is forecast at 74.4 million acres, unchanged from October 1 but up 16 percent from 2007.

OHIO AND UNITED STATES, NOVEMBER 1, 2008, WITH COMPARISONS

Crop	Harvested Acres		Unit	Yield Per Acre		Production	
	2007	2008		2007	2008	2007	2008
Thousands				Thousands			
OHIO							
Corn for Grain	3,610	3,050	Bu.	150.0	140.0	541,500	427,000
Soybeans for Beans	4,240	4,480	Bu.	47.0	36.0	199,280	161,280
Wheat, All	730	1,090	Bu.	63.0	68.0	45,990	74,120
Oats	55	50	Bu.	62.0	70.0	3,410	3,500
Alfalfa Hay	430	550	Ton	3.3	3.1	1,419	1,705
Other Hay	720	710	Ton	2.1	2.7	1,512	1,917
Tobacco, All	3.5	3.1	Lb.	2,050	1,950	7,175	6,045
Potatoes	3.0	2.1	Cwt	330	325	990	683
UNITED STATES							
Corn for Grain	86,542	78,177	Bu.	151.1	153.8	13,073,893	12,019,894
Soybeans for Beans	64,141	74,374	Bu.	41.7	39.3	2,675,822	2,920,589
Wheat, All	51,011	55,685	Bu.	40.5	44.9	2,066,722	2,499,524
Oats	1,505	1,395	Bu.	60.9	63.5	91,599	88,635
Alfalfa Hay	21,670	20,778	Ton	3.35	3.44	72,575	71,424
Other Hay	39,955	39,661	Ton	1.95	1.99	77,729	79,076
Tobacco, All	356.0	356.0	Lb.	2,191	2,261	779,899	804,927
Potatoes	1,129.7	1,043.1	Cwt	396	394	446,807	410,545

NOVEMBER U.S. SUPPLY AND DEMAND ^{1/}

	Corn		Wheat		Soybeans	
	2007/2008	2008/09	2007/08	2008/09	2007/08	2008/09
	Million Bushels					
Beginning Stocks	1,304	1,624	456	306	574	205
Production	13,074	12,020	2,067	2,500	2,676	2,921
Imports	20	15	113	100	10	7
Total Supply	14,398	13,659	2,635	2,905	3,260	3,133
Domestic Use	10,338	10,635	1,066	1,302	1,893	1,908
Exports	2,436	1,900	1,264	1,000	1,161	1,020
Total Use	12,773	12,535	2,330	2,302	3,054	2,928
Ending Stocks	1,624	1,124	306	603	205	205
Average Price (\$/bu.)	4.20	4.00-4.80	6.48	6.55-7.15	10.10	9.10-10.60

^{1/} From World Agricultural Supply and Demand Estimates, ERS, FAS, USDA.

OHIO WINTER WHEAT AND SOYBEANS PRICES DROP

The October winter wheat price for Ohio was \$4.05 per bushel, down \$1.37 from September and \$3.36 below the October 2007 average price of \$7.41. The State's October soybean price of \$8.00 per bushel was down \$2.60 from September, and 44 cents below what was received at the same time last year. Ohio's October corn price of \$3.80 per bushel was down \$1.08 from September but 51 cents above the previous October price of \$3.29 per bushel. The alfalfa hay price in October of \$198.00 per ton was up \$13.00 from September and \$43.00 per ton higher than the price received one year ago. Other hay at \$109.00 per ton was up \$12.00 from September but \$1.00 below the price received last year at this time.

The October beef cattle price in Ohio of \$82.90 per cwt was down \$3.00 from September and 80 cents per cwt lower than the October 2007 average price. The steer and heifer price of \$87.00 per cwt was down \$2.90 from September and \$1.10 per cwt lower than the October 2007 average price. The October cow price of \$46.00 per cwt was down \$4.00 from September but \$1.70 higher than the price received one year ago. Calves, at \$88.00 per cwt were down \$6.10 from September and \$13.00 below the previous October price. Ohio's October hog price of \$48.00 per cwt was down \$3.40 from September but \$8.40 more than was received the previous October. The October sow price of \$48.50 per cwt was down 60 cents from September but \$21.00 higher than the October 2007 average price. The October barrow

and gilt price of \$48.00 per cwt was down \$3.50 from the previous month, but \$7.60 more than was received in October 2007. The October milk price of \$18.40 per cwt was down \$1.40 from September and \$4.10 lower than the October 2007 price of \$22.50 per cwt. The October egg price of 88.3 cents per dozen was up 10.3 cents from September and 4.9 cents higher than the October 2007 price.

The preliminary All Farm Products Index of Prices Received by Farmers in October, at 145 percent, based on 1990-92=100, decreased 9 points (5.8 percent) from September. The Crop Index is down 17 points (9.8 percent) and the Livestock Index decreased 5 points (3.8 percent). Producers received lower prices for corn, soybeans, wheat, and cattle and higher prices for sweet corn, broccoli, lettuce, and eggs. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of soybeans, corn, cottonseed, and cotton offset decreased marketings of milk, wheat, sweet corn, and grapes.

The preliminary All Farm Products Index is up 4 points (2.8 percent) from October 2007. The Food Commodities Index, at 144, decreased 8 points (5.3 percent) from last month but was unchanged from October 2007.

AGRICULTURAL PRICES, OHIO AND UNITED STATES OCTOBER 2008 WITH COMPARISONS

Commodity ^{1/}	Unit	Ohio			U.S.
		Oct. 2007	Sep. 2008	Oct. 2008	Oct. 2008
Winter Wheat	Bu \$	7.41	5.42	4.05	5.29
Corn	Bu \$	3.29	4.88	3.80	3.99
Soybeans	Bu \$	8.44	10.60	8.00	8.66
Oats	Bu \$	^{5/}	^{5/}	^{5/}	2.71
All hay, baled ^{2/}	Ton \$	133.0	145.00	154.00	157.00
Alfalfa hay	Ton \$	155.0	185.00	198.00	172.00
Other hay	Ton \$	110.0	97.00	109.00	122.00
Apples	Lb \$	0.430	0.530	0.560	0.442
Hogs	Cwt \$	39.60	51.40	48.00	50.70
Sows	Cwt \$	27.50	49.10	48.50	48.40
Barrows and gilts	Cwt \$	40.40	51.50	48.00	50.80
All beef	Cwt \$	83.70	85.90	82.90	88.60
Cows	Cwt \$	44.30	50.00	46.00	49.20
Steers and heifers	Cwt \$	88.10	89.90	87.00	93.80
Calves	Cwt \$	101.00	94.10	88.00	108.00
Sheep	Cwt \$	27.90	33.30	-	-
Lambs	Cwt \$	90.10	91.70	-	-
Milk sold to plants	Cwt \$	22.50	19.80	18.40	17.60
Milk for fluid use	Cwt \$	22.70	19.90	-	17.70
Milk of Mfg. grade	Cwt \$	18.00	16.50	-	17.40
Eggs ^{3/}	Doz \$	0.834	0.780	0.883	0.889
Feed Price Ratios					
Hog-corn ratio ^{4/}		12.04	10.53	12.63	12.71

^{1/} Monthly average except for current month. ^{2/} Mid-month price for all months. ^{3/} Fresh market (table) eggs. ^{4/} Bushels of corn equal in value to 100 pounds of hogs live weight. ^{5/} Insufficient sales to establish a price.

Plant Population and Row Width

The National Agricultural Statistics Service is conducting objective yield surveys in 10 corn and 11 soybean producing States during 2007. The selected states account for about 75 percent of the U.S. production. Randomly selected plots are visited monthly from August through harvest to obtain specific counts and measurements. The counts made within each sample plot depend on the crop and the maturity of that crop. In all cases, plant counts are recorded along with other measurements

that provide information to forecast the number of ears, or pods and their weight. The counts are used with similar data from previous years to develop a projected biological yield. The average harvesting loss is subtracted to obtain a net yield. The plots are revisited each month until crop maturity when the fruit is harvested and weighed. After the farm operator has harvested the sample field, another plot is sampled to obtain current year harvesting loss.

CORN FOR GRAIN: PLANT POPULATION PER ACRE, SELECTED STATES, 2004-2008 ^{1/}

State	2004	2005	2006	2007	2008 ^{2/}
Number of Plants					
IL	27,700	28,000	28,000	28,100	28,950
IN	26,500	25,200	26,350	27,350	28,350
IA	27,850	28,000	28,600	29,100	29,250
MN	29,300	28,450	28,900	29,750	30,150
NE	24,050	23,700	24,450	25,000	24,250
OH	26,650	25,600	26,200	26,600	27,800
WI	27,550	27,050	27,450	28,800	28,250

^{1/} Based on stock counts in plots selected for objective yield samples. ^{2/} Preliminary.

CORN FOR GRAIN: NUMBER OF EARS PER ACRE, SELECTED STATES, 2004-2008

State	2004	2005	2006	2007	2008 ^{1/}
Number of Plants					
IL	27,400	26,850	27,400	27,750	28,400
IN	26,050	24,650	25,750	26,800	27,700
IA	27,500	27,100	27,350	28,400	28,600
MN	29,200	28,050	28,250	28,600	29,450
NE	24,050	22,800	23,550	24,750	23,900
OH	26,050	24,650	25,450	25,950	27,250
WI	26,800	26,350	27,200	27,850	27,950

^{1/} Preliminary

OHIO CORN ROW WIDTH 2004-2008

Year	Number of Samples		Corn row width (inches) ^{1/}					Average Row Width	Plant Population
		20.5 or less	20.6-30.5	30.6-34.5	34.6-36.5	36.6-38.5	38.6-Greater		
		Percent of Sample							
Number		Inches						Number	
2004	107	0.9	74.7	20.6	1.9	1.9	-	30.3	26,650
2005	116	-	64.6	25.9	1.7	5.2	2.6	31.0	25,600
2006	117	0.9	70.0	17.9	4.3	6.0	0.9	30.9	26,200
2007	120	0.8	74.2	16.7	7.5	0.8	-	30.6	26,600
2008	121	-	72.8	19.8	2.5	4.1	0.8	30.7	27,800 ^{2/}

^{1/} Spacings based on row measurements in sample plots selected for objective yield terminations. ^{2/} Preliminary

OHIO SOYBEANS ROW WIDTH 2004-2008

Year	Number of samples	Soybean row width groups (inches) ^{1/}					Average width ^{2/} (inches)
		10.0 & less ^{2/}	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & greater	
	Number				Percent of Sample		
2004	130	70.0	25.8	1.1	3.1	-	10.5
2005	130	63.9	31.5	3.1	1.5	-	10.7
2006	132	45.6	46.0	1.5	6.1	0.8	12.6
2007	136	51.5	44.5	0.3	3.7	-	11.7
2008	138	52.5	43.9	1.8	1.8	-	11.4

1/ Based on row measurements in sample plots selected for objective yield samples. 2/ Broadcast soybeans included as 10 inches and less but excluded in computation of average width.

SOYBEANS: PODS WITH BEANS PER 18 SQUARE FEET,
SELECTED STATES, 2004-2008

State	2004	2005	2006	2007	2008 ^{1/}
			Number		
IL	1,947	1,858	1,923	1,831	1,801
IN	1,917	1,899	1,909	1,641	1,648
IA	1,741	1,970	1,760	1,932	1,770
MN	1,435	1,640	1,568	1,588	1,470
MO	2,038	1,652	1,735	1,697	1,673
NE	1,895	1,920	1,766	2,084	1,857
OH	1,837	1,981	1,866	1,909	1,618

1/ Preliminary

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